

Injector Info

Manufacturer DeatschWerks
Part No. 16MX-XX-1200-X
Resistance (Ω) 13.2

Vehicle Not Available
Model Not Available
Engine Not Available

Injector Current 0.0 A
Peak Hold Ratio 4.00



Max Flow @ 3bar 1284 cc/min
Max Flow @ 4bar 1488 cc/min
Max Flow @ 5bar 1664 cc/min
Max Flow @ 6bar 1804 cc/min
Max Flow @ bar cc/min

Dead Times (μ sec)

	Fuel Pressure (bar)			
	3.0	4.0	5.0	6.0
8V	2620			
10V	1760	1960	2240	2520
12V	1360	1480	1620	1760
14V	1100	1180	1300	1420
15V	1000	1060	1140	1240

Injector Info					
Manufacturer	DeatschWerks			Vehicle Model Engine	Not Available Not Available Not Available
Part No.	16MX-XX-1200-X				
Resistance (Ω)	13.2				
Peak Current		4.0 A	Minimum Volume		
Hold Current		0.30 A	Ref Flow @ 300 kPa g 21.37 ml/s		
Peak Time		7.0 ms	Ref Flow @ 400 kPa g 24.81 ml/s		
Off Time		Not Available ms	Ref Flow @ 500 kPa g 27.75 ml/s		
Pin Drive		Saturated	Ref Flow @ 600 kPa g 30.09 ml/s		
			Ref Flow @ ml/s		

Voltages : 8 10 12 14 15

Pulse widths (ms), dependend on voltage (V), fuel differential pressure (horizontal, kPa) and fuel volume (vertical, µl)

8 Volt						10 Volt						12 Volt						14 Volt						15 Volt					
M1	v2					M1	v2					M1	v2					M1	v2					M1	v2				
Body	ms	300	400	500	600	Body	ms	300	400	500	600	Body	ms	300	400	500	600	Body	ms	300	400	500	600	Body	ms	300	400	500	600
Cols	dkPa	Differential	Volume			Cols	dkPa	Differential	Volume			Cols	dkPa	Differential	Volume			Cols	dkPa	Differential	Volume			Cols	dkPa	Differential	Volume		
Rows						Rows						Rows						Rows						Rows					
1.00	2.690	3.181	4.376	4.558	4.558	1.00	1.848	2.026	2.249	2.564	2.564	1.00	1.437	1.543	1.663	1.802	1.802	1.00	1.178	1.255	1.339	1.433	1.433	1.00	1.082	1.155	1.229	1.300	1.300
3.00	2.802	3.292	4.473	4.625	4.625	3.00	1.927	2.115	2.351	2.667	2.667	3.00	1.503	1.613	1.739	1.882	1.882	3.00	1.235	1.311	1.402	1.503	1.503	3.00	1.167	1.219	1.299	1.368	1.368
5.00	2.869	3.366	4.552	4.686	4.686	5.00	1.984	2.176	2.419	2.737	2.737	5.00	1.552	1.664	1.791	1.941	1.941	5.00	1.281	1.360	1.457	1.557	1.557	5.00	1.187	1.273	1.330	1.429	1.429
7.00	2.908	3.410	4.569	4.698	4.698	7.00	2.015	2.209	2.466	2.773	2.773	7.00	1.593	1.697	1.831	1.975	1.975	7.00	1.328	1.385	1.484	1.586	1.586	7.00	1.236	1.285	1.380	1.440	1.440
9.00	3.025	3.458	4.586	4.717	4.717	9.00	2.176	2.252	2.500	2.805	2.805	9.00	1.746	1.789	1.856	1.998	1.998	9.00	1.467	1.503	1.500	1.607	1.607	9.00	1.354	1.407	1.392	1.459	1.459
11.00	3.122	3.502	4.604	4.819	4.819	11.00	2.264	2.389	2.547	2.847	2.847	11.00	1.832	1.863	1.979	2.044	2.044	11.00	1.560	1.551	1.638	1.712	1.712	11.00	1.463	1.443	1.509	1.562	1.562
13.00	3.215	3.636	4.625	4.869	4.869	13.00	2.351	2.462	2.662	2.886	2.886	13.00	1.919	1.969	2.030	2.154	2.154	13.00	1.653	1.659	1.672	1.765	1.765	13.00	1.547	1.544	1.548	1.612	1.612
15.00	3.310	3.717	4.674	4.949	4.949	15.00	2.445	2.542	2.735	2.996	2.996	15.00	2.018	2.054	2.112	2.227	2.227	15.00	1.748	1.740	1.757	1.834	1.834	15.00	1.652	1.624	1.647	1.692	1.692
17.00	3.416	3.796	4.754	5.013	5.013	17.00	2.539	2.623	2.807	3.060	3.060	17.00	2.108	2.137	2.198	2.301	2.301	17.00	1.835	1.821	1.848	1.902	1.902	17.00	1.731	1.711	1.717	1.756	1.756
19.00	3.506	3.878	4.834	5.075	5.075	19.00	2.632	2.708	2.884	3.126	3.126	19.00	2.200	2.214	2.270	2.367	2.367	19.00	1.932	1.898	1.919	1.973	1.973	19.00	1.825	1.787	1.793	1.817	1.817
21.00	3.595	3.962	4.914	5.150	5.150	21.00	2.726	2.793	2.962	3.193	3.193	21.00	2.292	2.290	2.341	2.433	2.433	21.00	2.030	1.976	1.990	2.044	2.044	21.00	1.929	1.862	1.866	1.893	1.893
23.00	3.693	4.047	4.993	5.218	5.218	23.00	2.820	2.873	3.037	3.261	3.261	23.00	2.385	2.367	2.413	2.498	2.498	23.00	2.127	2.053	2.061	2.115	2.115	23.00	2.028	1.942	1.936	1.960	1.960
25.00	3.793	4.132	5.073	5.279	5.279	25.00	2.918	2.953	3.112	3.335	3.335	25.00	2.482	2.452	2.487	2.565	2.565	25.00	2.224	2.138	2.135	2.180	2.180	25.00	2.133	2.028	2.004	2.022	2.022
27.00	3.892	4.217	5.158	5.343	5.343	27.00	3.016	3.036	3.186	3.409	3.409	27.00	2.581	2.538	2.563	2.633	2.633	27.00	2.321	2.224	2.208	2.246	2.246	27.00	2.228	2.114	2.080	2.085	2.085
29.00	3.991	4.302	5.241	5.413	5.413	29.00	3.114	3.123	3.261	3.483	3.483	29.00	2.679	2.625	2.638	2.700	2.700	29.00	2.418	2.310	2.282	2.311	2.311	29.00	2.319	2.200	2.157	2.156	2.156
31.00	4.089	4.387	5.323	5.483	5.483	31.00	3.211	3.207	3.337	3.556	3.556	31.00	2.777	2.712	2.714	2.768	2.768	31.00	2.515	2.395	2.356	2.376	2.376	31.00	2.418	2.284	2.230	2.226	2.226
33.00	4.187	4.474	5.406	5.550	5.550	33.00	3.310	3.291	3.413	3.629	3.629	33.00	2.874	2.794	2.788	2.837	2.837	33.00	2.612	2.479	2.432	2.446	2.446	33.00	2.516	2.368	2.307	2.293	2.293
35.00	4.284	4.560	5.488	5.625	5.625	35.00	3.410	3.375	3.490	3.702	3.702	35.00	2.971	2.876	2.863	2.907	2.907	35.00	2.708	2.563	2.507	2.516	2.516	35.00	2.612	2.450	2.385	2.368	2.368
37.00	4.382	4.646	5.571	5.695	5.695	37.00	3.509	3.459	3.567	3.775	3.775	37.00	3.074	2.957	2.938	2.977	2.977	37.00	2.805	2.646	2.583	2.586	2.586	37.00	2.707	2.532	2.461	2.438	2.438
39.00	4.484	4.736	5.685	5.763	5.763	39.00	3.609	3.550	3.649	3.851	3.851	39.00	3.180	3.053	3.016	3.058	3.058	39.00	2.901	2.730	2.659	2.656	2.656	39.00	2.802	2.614	2.535	2.506	2.506

* marked columns contain extrapolated data

Pulse widths (ms), dependend on fuel differential pressure (kPa), voltage (horizontal, V) and fuel volume (vertical, µl)

300							400							500							600													
1.00	3.00	5.00	7.00	9.00	11.00	13.00	1.00	3.00	5.00	7.00	9.00	11.00	13.00	15.00	1.00	3.00	5.00	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00	29.00	31.00	33.00	35.00	37.00	39.00
8	10	12	14	15	15	15	8	10	12	14	15	15	15	15	8	10	12	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
1.00	2.690	1.848	1.437	1.178	1.082	1.082	1.00	3.181	2.026	1.543	1.255	1.155	1.155	1.00	4.376	2.249	1.663	1.339	1.229	1.229	1.00	4.558	2.564	1.802	1.433	1.300	1.300							
3.00	2.802	1.927	1.503	1.235	1.167	1.167	3.00	3.292	2.115	1.613	1.311	1.219	1.219	3.00	4.473	2.351	1.739	1.402	1.299	1.299	3.00	4.625	2.667	1.882	1.503	1.368	1.368							
5.00	2.869	1.984	1.552	1.281	1.187	1.187	5.00	3.366	2.176	1.664	1.360	1.273	1.273	5.00	4.552	2.419	1.791	1.457	1.330	1.330	5.00	4.686	2.737	1.941	1.557	1.429	1.429							
7.00	2.908	2.015	1.593	1.328	1.236	1.236	7.00	3.410	2.209	1.697	1.385	1.285	1.285	7.00	4.569	2.466	1.831	1.484	1.380	1.380	7.00	4.698	2.773	1.975	1.586	1.440	1.440							
9.00	3.025	2.176	1.746	1.467	1.354	1.354	9.00	3.458	2.252	1.789	1.503	1.407	1.407	9.00	4.586	2.500	1.856	1.500	1.392	1.392	9.00	4.717	2.805	1.998	1.607	1.459	1.459							
11.00	3.122	2.264	1.832	1.560	1.463	1.463	11.00	3.502	2.389	1.863	1.551	1.443	1.443	11.00	4.604	2.547	1.979	1.638	1.509	1.509	11.00	4.819	2.847	2.044	1.712	1.562	1.562							
13.00	3.215	2.351	1.919	1.653	1.547	1.547	13.00	3.636	2.462	1.969	1.659	1.544	1.544	13.00	4.625	2.662	2.030	1.672	1.548	1.548	13.00	4.869	2.886	2.154	1.765	1.612	1.612							
15.00	3.310	2.445	2.018	1.748	1.652	1.652	15.00	3.717	2.542	2.054	1.740	1.624	1.624	15.00	4.674	2.735	2.112	1.757	1.647	1.647	15.00	4.949	2.996	2.227	1.834	1.692	1.692							
17.00	3.416	2.539	2.108	1.835	1.731	1.731	17.00	3.796	2.623	2.137	1.821	1.711	1.711	17.00	4.754	2.807	2.178	1.848	1.717	1.717	17.00	5.013	3.060	2.301	1.902	1.756	1.756							
19.00	3.506	2.632	2.200	1.932	1.825	1.825	19.00	3.878	2.708	2.214	1.898	1.787	1.787	19.00	4.834	2.884	2.270	1.919	1.793	1.793	19.00	5.075	3.126	2.367	1.973	1.817	1.817							
21.00	3.595	2.726	2.292	2.030	1.929	1.929	21.00	3.962	2.793	2.290	1.976	1.862	1.862	21.00	4.914	2.962	2.341	1.990	1.866	1.866	21.00	5.150	3.193	2.433	2.044	1.893	1.893							
23.00	3.693	2.820	2.385	2.127	2.028	2.028	23.00	4.047	2.873	2.367	2.053	1.942	1.942	23.00	4.993	3.037	2.413	2.061	1.936	1.936	23.00	5.218	3.261	2.498										